

REMARKS

Claims 17, 20, 21, 23-26, 29, 31 and 32 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Barna et al. (U.S. Patent Application Publication Number 2002/0046277, hereinafter "Barna") in view of Akgun et al. (U.S. Patent Application Publication Number 2004/0029585, hereinafter "Akgun"), and claims 18, 19 and 30 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Barna in view of Akgun and Lioy et al. (U.S. Patent Number 6,377,556, hereinafter "Lioy"). The applicants respectfully disagree with the present rejections and request reconsideration.

On page 3 of the present office action, the Examiner asserts that Barna fails to "explicitly teach wherein the beginning of a period of low remote unit data activity triggers establishing the PPP link." Instead, the Examiner asserts that Akgun teaches establishing the PPP link between the wireless unit and the new wireless gateway when the wireless unit is dormant or idle citing Akgun [0046]. Akgun [0046] reads as follows (emphasis added):

[0046] Alternatively, in an inter-UWAG handoff situation, the wireless network 10 may employ a deferred handoff. During a deferred handoff, a mobile node may remain in communication with the serving (old) UWAG while traffic is tunneled via the new UWAG to and from the mobile node. **When the mobile node's user session goes dormant or is idle for a period of time, the new UWAG may complete the deferred handoff by terminating the tunnel to the old UWAG and sending a Mobile IP agent advertisement to the mobile node so that it will be triggered to perform a Mobile IP handoff to a new foreign agent within the new UWAG.**

While Akgun does teach completing a deferred handoff when a mobile node's user session goes dormant or is idle for a period of time, the applicants submit that Akgun [0046] does not teach or suggest that the **establishment of a PPP link is triggered** by the beginning of a period of low remote unit data activity. Akgun specifically describes terminating a tunnel and sending a Mobile IP agent advertisement to the mobile to trigger the mobile to perform a Mobile IP handoff, but Akgun [0046] does not describe the establishment of a PPP link or what should trigger the establishing of a PPP link. In

contrast, claims 17 and 29 each recite, “wherein the beginning of a period of low remote unit data activity triggers establishing the PPP link.”

Since none of the references cited, either independently or in combination, teach all of the limitations of independent claims 17 or 29, or therefore, all the limitations of their respective dependent claims, it is asserted that neither anticipation nor a prima facie case for obviousness has been shown. No remaining grounds for rejection or objection being given, the claims in their present form are asserted to be patentable over the prior art of record and in condition for allowance. Therefore, allowance and issuance of this case is earnestly solicited.

The Examiner is invited to contact the undersigned, if such communication would advance the prosecution of the present application. Lastly, please charge any additional fees (including extension of time fees) or credit overpayment to Deposit Account No. **502117 -- Motorola, Inc.**

Respectfully submitted,
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